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17091 U.S.P.T.O.

**NONPROVISIONAL PATENT
APPLICATION TRANSMITTAL RULE §1.53(b)
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

17497 U.S.P.T.O.
10/748673



Customer Number 32294

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Docket No.: 60091.00276

Date: December 31, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
MAILSTOP PATENT APPLICATION

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is a nonprovisional patent application:

For (Title): CLUSTERING TECHNIQUE FOR CYCLIC PHENOMENA

By (Inventors): Kimmo HÄTÖNEN (Helsinki, Finland); Pekka KUMPULAINEN (Lempäälä, Finland); and Pekko VEHVILÄINEN (Tampere, Finland)

- 18 pages of Specification/Claims 1-16/Abstract are attached.
- Formal drawings (Figs. 1-9; 5 sheets) are attached.
- A Declaration and Power of Attorney is attached.
- An assignment of the invention to _____ is attached, along with Form PTO-1595 and a check for \$40.00.
- An Information Disclosure Statement is attached, along with Form PTO-1449, and _____ reference(s).
- Priority of foreign application No. _____ filed _____ in _____ is claimed under 35 U.S.C. §119.
- Priority of U.S. Provisional Application(s) No. _____ filed _____ is claimed under 35 U.S.C. §119(e).
- A certified copy of the above corresponding foreign application is attached.

The filing fee is calculated below and includes claim status after entry of any Preliminary Amendment noted above:

SMALL ENTITY			LARGE ENTITY	
FOR:	NO. FILED	NO. EXTRA	RATE	FEE
BASIC FEE				\$ 385
TOTAL CLAIMS	16 - 20	= 0	x 9 =	
INDEP CLAIMS	2 - 3	= 0	x 43 =	
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS			+145 =	
			TOTAL	
			OR	RATE
			OR	\$ 770
			OR	x 18
			OR	x 86
			OR	+290
			OR	TOTAL
				\$770

- A check for the filing fee is not enclosed at this time.

Respectfully submitted,

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DHG/scc